PATENT COOPERATION TREATY

PCT

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

(Chapter I of the Patent Cooperation Treaty)

(PCT Rule 44bis)

Applicant's or agent's file reference PU60732	FOR FURTHER ACTION	See item 4 below			
International application No. PCT/US2005/003500	International filing date (day/month/year) 04 February 2005 (04.02.2005)	Priority date (day/month/year) 06 February 2004 (06.02.2004)			
International Patent Classification (8th edition unless older edition indicated) See relevant information in Form PCT/ISA/237					
Applicant SMITHKLINE BEECHAM CORPORATION					

1.	This international preliminary report on patentability (Chapter I) is issued by the International Bureau on behalf of the International Searching Authority under Rule 44 bis.1(a).					
2.	This REPORT consists of a total of 4 sheets, including this cover sheet.					
	In the attached sheets, any reference to the written opinion of the International Searching Authority should be read as a reference to the international preliminary report on patentability (Chapter I) instead.					
3.	This report contains indications relating to the following items:					
	Box No. I	Basis of the report				
	Box No. II	Priority				
	Box No. III	Non-establishment of opinion with regard to novelty, inventive step and industrial applicability				
	Box No. IV	Lack of unity of invention				
	Box No. V	Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement				
	Box No. VI	Certain documents cited				
	Box No. VII	Certain defects in the international application				
	Box No. VIII	Certain observations on the international application				
4.	4. The International Bureau will communicate this report to designated Offices in accordance with Rules 44bis.3(c) and 93bis.1 but not, except where the applicant makes an express request under Article 23(2), before the expiration of 30 months from the priority date (Rule 44bis.2).					
	Date of issuance of this report 07 August 2006 (07.08.2006)					
The International Bureau of WIPO 34, chemin des Colombettes			Authorized officer			
	1211 Geneva 20, Switzerland Beate Giffo-Schmitt					
Facsi	Facsimile No. +41 22 338 82 70 e-mail: pt03@wipo.int		le-mail: pt03@wipo.int			

Form PCT/IB/373 (January 2004)

PATENT COOPERATION TREATY						
From the INTERNATIONAL SEARCHING AUTH	From the INTERNATIONAL SEARCHING AUTHORITY REC'D 2 9 JUL 2005					2005
To: SOMA G. SIMON GLAXOSMITHKLINE CORPORATE INTELLECTUAL PROPERTY, UW2220 709 SWEDELAND RD., P.O.BOX 1539					PCT Y	
KING OF PRUSSIA, PA 19406-0939		III I DIGITALI	(PCT Rule 43			
		Date of mailing (day/month/year)				
Applicant's or agent's file reference		FOR FURTHER ACTION See paragraph 2 below				
PU60732 International application No.	International filing date	(day/month/year)	ear) Priority date (day/month/year)			
PCT/IJS05/03500	04 February 2005 (04.02	2.2005)	06 February 2004 (06.02.2004)			
International Patent Classification (IPC)						
IPC(7): C07C/ 229/00, 69/74, 69/02 and Applicant	US CL: 560/19, 37, 40, 47	, 121, 231; 564/463				
SMITHKLINE BEECHAM CORPORA	TION					
1. This opinion contains indications re	elating to the following item	15:				
Box No. I Basis of the						
Box No. II Priority						
Box No. III Non-estab	lishment of opinion with re	gard to novelty, inve	ntive step and indu	ıstrial applical	bility	
\	No. IV Lack of unity of invention					
Box No. V Reasoned applicabil	Reasoned statement under Rule 43bis.1(a)(i) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement					
Box No. VI Certain d	Certain documents cited					
Box No. VII Certain d	ox No. VII Certain defects in the international application					
Box No. VIII Certain o	Box No. VIII Certain observations on the international application					
2. FURTHER ACTION If a demand for international prel International Preliminary Examin Authority other than this one to b that written opinions of this Intern	ning Authority ("IPEA") on the IPEA and the choser	TPEA has notified	s not apply when the International B			
If this opinion is, as provided above, considered to be a written opinion of the IPEA, the applicant is invited to submit to the IPEA a written reply together, where appropriate, with amendments, before the expiration of 3 months from the date of mailing of Form PCT/ISA/220 or before the expiration of 22 months from the priority date, whichever expires later.						
For further options, see Form PCT/ISA/220.						
3. For further details, see notes to Fo	orm PCT/ISA/220.					
Name and mailing address of the ISA/	US	Authorized offi	Jumbel	Dute	"h	
Mail Stop PCT, Attn: IS A/US Commissioner for Patents		Karl J. Puttlitz	June	-		
P.O. Box 1450 Alexandria, Virginia 22313-1450 Telephone No. (571) 272-0645						
Facsimile No. (703) 305-3230	Facsimile No. (703) 305-3230 Form PCT/ISA/237 (cover sheet) (January 2004)					

WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY

International application No.

PCT/US05/03500

ROX NO	. I Basis of this opinion
. With re	egard to the language, this opinion has been established on the basis of the international application in the language in which i led, unless otherwise indicated under this item.
	This opinion has been established on the basis of a translation from the original language into the following language which is the language of a translation furnished for the purposes of international search (under Rules 12.3 and 23.1(b)).
With r	egard to any nucleotide and/or amino acid sequence disclosed in the international application and necessary to the claimed ion, this opinion has been established on the basis of:
a.	type of material
	a sequence listing
	table(s) related to the sequence listing
b.	format of material
	in written format
	in computer readable form
c.	time of filing/furnishing
	contained in international application as filed.
	filed together with the international application in computer readable form.
	furnished subsequently to this Authority for the purposes of search.
3. 📙	In addition, in the case that more than one version or copy of a sequence listing and/or table relating thereto has been file or furnished, the required statements that the information in the subsequent or additional copies is identical to that in the application as filed or does not go beyond the application as filed, as appropriate, were furnished.
4. Addi	tional comments:
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WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY

International application No. PCT/US05/03500

Box No. V Reasoned statement under Rule 43 bis. 1(a)(i) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement				
1. Statement				
Novelty (N)	Claims	1-11	YES	
2.00.02.9		NONE	NO	
			3/770	
Inventive step (IS)	Claims		YBS	
	Claims	NONE		
Industrial applicability (IA)	Claims	1-11	YES	
	· Claims	NONE	NO	
2. Citations and explanations: Claims 1-11 the meet criteria set out in PCT Article forth in the claims, nor does the prior art fairly sugge compounds of the instant application for the purpos Claims 1-11 the criteria set out in PCT Article 33(4) made or used in industry, such as therapeutic agents	sest to those of c e of providing a), and thus meet	rdinary skill to modify known com gents that bind to calcium channels	pounds to provide those :.	
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